

In the Claims

1. (original) In a computer system having a graphical user interface including a display and a user interface selection device, a method of maintaining a single window interface, comprising:

receiving a request to open a second browser window while a first browser window is displayed;

ignoring the request if the request was not initiated in response to a user action; and

opening the second browser window if the request was initiated in response to a user action.

2. (original) The method of claim 1, further comprising opening the second browser window as a full-screen browser window if the request was initiated by a user action.

3. (original) The method of claim 2, further comprising superimposing the full-screen browser window on the first browser window.

4. (original) The method of claim 1, further comprising opening the second browser window after receiving a load finished event for the first browser window and before receiving an unload event for the first browser window.

5. (original) The method of claim 1, further comprising opening the second browser window in a second browser instance distinct from a first browser instance in which the first browser window is opened.

1 6. (original) The method of claim 5, further comprising modifying the
2 content of one of the first and second browser windows in response to an event
3 occurring in one of the first and second browser instances.

4 7. (original) The method of claim 1, wherein the first browser window
5 contains a plurality of frames, wherein the request to open a second browser
6 window is associated with one of the plurality of frames, and wherein the method
7 further comprises opening the second browser window after loading the frame
8 associated with the request to open the second browser window.

9 8. (original) The method of claim 7, further comprising opening the
10 second browser window after loading all of the frames of the first browser
11 window.

12 9. (original) The method of claim 1, further comprising suppressing a
13 request to open a dialog box until a browser window associated with the request to
14 open the dialog box is displayed.

15 10. (original) The method of claim 1, further comprising suppressing
16 generation of a sound associated with a browser window that is not displayed.

17 11. (original) The method of claim 1, further comprising:
18
19 receiving a request to close a browser window;
20 closing the browser window if another browser window is open; and
21 ignoring the request if no other browser window is open.

22 12. (original) The method of claim 1, further comprising maintaining, in
23 a browser history, a history of transitions between the first and second browser
24 windows.
25

1 13. (original) The method of claim 12, further comprising building the
2 browser history from a history of a displayed browser window.

3
4 14. (original) The method of claim 12, further comprising building the
5 browser history from histories of a set of simultaneously open browser windows.

6
7 15. (original) The method of claim 12, further comprising:
8 detecting, in the browser history, a transition between two simultaneously
9 open browser windows; and

10 in response to the detected transition, hiding one of the first and second
11 browser windows and displaying a different one of the first and second browser
12 windows.

13 Claims 16—30 (canceled)

14 31. (original) A computer-readable medium having stored thereon
15 computer-executable modules comprising a browser module, configured to:

16 receive a request to open a second browser window while a first browser
17 window is displayed;

18 ignore the request if the request was not initiated in response to a user
19 action; and

20 open the second browser window if the request was initiated in response to
21 a user action.

22 32. (original) The computer-readable medium of claim 31, wherein the
23 browser module is further configured to open the second browser window as a
24 full-screen browser window if the request was initiated by a user action.

1 33. (original) The computer-readable medium of claim 32, wherein the
2 browser module is further configured to superimpose the full-screen browser
3 window on the first browser window.

4 34. (original) The computer-readable medium of claim 31, wherein the
5 browser module is further configured to open the second browser window after
6 receiving a load finished event for the first browser window and before receiving
7 an unload event for the first browser window.

8 35. (original) The computer-readable medium of claim 31, wherein the
9 browser module is further configured to open the second browser window in a
10 second browser instance distinct from a first browser instance in which the first
11 browser window is opened.

12 36. (original) The computer-readable medium of claim 35, wherein the
13 browser module is further configured to communicate information between the
14 first and second browser windows in response to an event occurring in one of the
15 first and second browser instances.

16 37. (original) The computer-readable medium of claim 31, wherein the
17 first browser window contains a plurality of frames, wherein the request to open a
18 second browser window is associated with one of the plurality of frames, and
19 wherein the browser module is further configured to open the second browser
20 window after loading the frame associated with the request to open the second
21 browser window.

22 38. (original) The computer-readable medium of claim 37, wherein the
23 browser module is further configured to open the second browser window after
24 loading all of the frames of the first browser window.
25

1 39. (original) The computer-readable medium of claim 31, wherein the
2 browser module is further configured to suppress a request to open a dialog box
3 until a browser window associated with the request to open the dialog box is
4 displayed.

5
6 40. (original) The computer-readable medium of claim 31, wherein the
7 browser module is further configured to suppress generation of a sound associated
8 with a browser window that is not displayed.

9 41. (original) The computer-readable medium of claim 31, wherein the
10 browser module is further configured to:

11 receive a request to close a browser window;
12 close the browser window if another browser window is open; and
13 ignore the request if no other browser window is open.

14 42. (original) The computer-readable medium of claim 31, wherein the
15 browser module is further configured to maintain, in a browser history, a history
16 of transitions between the first and second browser windows.

17
18 43. (original) The computer-readable medium of claim 42, wherein the
19 browser module is further configured to build the browser history from a history
20 of a displayed browser window.

21 44. (original) The computer-readable medium of claim 42, wherein the
22 browser module is further configured to build the browser history from histories of
23 simultaneously open browser windows.
24
25

1 45. (original) The computer-readable medium of claim 42, wherein the
2 browser module is further configured to:

3 detect, in the browser history, a transition between two simultaneously open
4 browser windows; and

5 in response to the detected transition, hide one of the first and second
6 browser windows and displaying a different one of the first and second browser
7 windows.

8 Claims 46—60 (canceled)

9 61. (original) A computer system, comprising:

10 a graphical user interface including a display and a user interface
11 selection device; and

12 a browser module, configured to

13 receive a request to open a second browser window while a first
14 browser window is displayed,

15 ignore the request if the request was not initiated in response to a
16 user action, and

17 open the second browser window if the request was initiated in
18 response to a user action.

19 62. (original) The computer system of claim 61, wherein the browser
20 module is further configured to open the second browser window as a full-screen
21 browser window if the request was initiated by a user action.

22 63. (original) The computer system of claim 62, wherein the browser
23 module is further configured to superimpose the full-screen browser window on
24 the first browser window.
25

1 64. (original) The computer system of claim 61, wherein the browser
2 module is further configured to open the second browser window after receiving a
3 load finished event for the first browser window and before receiving an unload
4 event for the first browser window.

5
6 65. (original) The computer system of claim 61, wherein the browser
7 module is further configured to open the second browser window in a second
8 browser instance distinct from a first browser instance in which the first browser
9 window is opened.

10 66. (original) The computer system of claim 65, wherein the browser
11 module is further configured to communicate information between the first and
12 second browser windows in response to an event occurring in one of the first and
13 second browser instances.

14 67. (original) The computer system of claim 61, wherein the first
15 browser window contains a plurality of frames, wherein the request to open a
16 second browser window is associated with one of the plurality of frames, and
17 wherein the browser module is further configured to open the second browser
18 window after loading the frame associated with the request to open the second
19 browser window.

20 68. (original) The computer system of claim 67, wherein the browser
21 module is further configured to open the second browser window after loading all
22 of the frames of the first browser window.
23
24
25

1 69. (original) The computer system of claim 61, wherein the browser
2 module is further configured to suppress a request to open a dialog box until a
3 browser window associated with the request to open the dialog box is displayed.

4 70. (original) The computer system of claim 61, wherein the browser
5 module is further configured to suppress generation of a sound associated with a
6 browser window that is not displayed.

7 71. (original) The computer system of claim 61, wherein the browser
8 module is further configured to:

9 receive a request to close a browser window;

10 close the browser window if another browser window is open; and

11 ignore the request if no other browser window is open.

12 72. (original) The computer system of claim 61, wherein the browser
13 module is further configured to maintain, in a browser history, a history of
14 transitions between a set of simultaneously open browser windows.

15 73. (original) The computer system of claim 72, wherein the browser
16 module is further configured to build the browser history from a history of a
17 displayed browser window.

18 74. (original) The computer system of claim 72, wherein the browser
19 module is further configured to build the browser history from histories of the set
20 of simultaneously open browser windows.
21
22
23
24
25

1 75. (original) The computer system of claim 72, wherein the browser
2 module is further configured to:

3 detect, in the browser history, a transition between simultaneously open
4 browser windows; and

5 in response to the detected transition, hide one of the first and second
6 browser windows and displaying a different one of the first and second browser
7 windows.

8 Claims 76—90 (canceled)

9 91. (previously presented) A computer system having a user interface
10 configured to maintain a single window interface, comprising:

11 means for receiving a request to open a second browser window while a
12 first browser window is displayed;

13 means for ignoring the request if the request was not initiated in response to
14 a user action; and

15 means for opening the second browser window if the request was initiated
16 in response to a user action.

17 92. (previously presented) The computer system of claim 91, further
18 comprising means for opening the second browser window as a full-screen
19 browser window if the request was initiated by a user action.

20 93. (previously presented) The computer system of claim 92, further
21 comprising means for superimposing the full-screen browser window on the first
22 browser window.

1 94. (previously presented) The computer system of claim 91, further
2 comprising means for opening the second browser window after receiving a load
3 finished event for the first browser window and before receiving an unload event
4 for the first browser window.

5 95. (previously presented) The computer system of claim 91, further
6 comprising means for opening the second browser window in a second browser
7 instance distinct from a first browser instance in which the first browser window is
8 opened.

9 96. (previously presented) The computer system of claim 95, further
10 comprising means for modifying the content of one of the first and second browser
11 windows in response to an event occurring in one of the first and second browser
12 instances.

13 97. (previously presented) The computer system of claim 91, wherein
14 the first browser window contains a plurality of frames, wherein the request to
15 open a second browser window is associated with one of the plurality of frames,
16 and wherein the computer system further comprises means for opening the second
17 browser window after loading the frame associated with the request to open the
18 second browser window.

19 98. (previously presented) The computer system of claim 97, further
20 comprising means for opening the second browser window after loading all of the
21 frames of the first browser window.

22 99. (previously presented) The computer system of claim 91, further
23 comprising means for suppressing a request to open a dialog box until a browser
24 window associated with the request to open the dialog box is displayed.
25

1 100. (previously presented) The computer system of claim 91, further
2 comprising means for suppressing generation of a sound associated with a browser
3 window that is not displayed.

4
5 101. (previously presented) The computer system of claim 91, further
6 comprising:

7 means for receiving a request to close a browser window;

8 means for closing the browser window if another browser window is open;

9 and

10 means for ignoring the request if no other browser window is open.

11 102. (previously presented) The computer system of claim 91, further
12 comprising means for maintaining, in a browser history, a history of transitions
13 between the first and second browser windows.

14 103. (previously presented) The computer system of claim 102, further
15 comprising means for building the browser history from a history of a displayed
16 browser window.

17
18 104. (previously presented) The computer system of claim 102, further
19 comprising means for building the browser history from histories of a set of
20 simultaneously open browser windows.

105. (previously presented) The computer system of claim 102, further comprising:

means for detecting, in the browser history, a transition between two simultaneously open browser windows; and

means for, in response to the detected transition, hiding one of the first and second browser windows and displaying a different one of the first and second browser windows.

106. (previously presented) The method of claim 1, additionally comprising:

basing a determination that the request was not in response to user action on information that the request was initiated during either loading or unloading of a page in the first browser window; and

basing a determination that the request was in response to user action on information that the request was initiated after loading and before unloading of a page in the first browser window.

107. (previously presented) The computer-readable media of claim 31, additionally configured to:

base a determination that the request was not in response to user action on information that the request was initiated during either loading or unloading of a page in the first browser window; and

base a determination that the request was in response to user action on information that the request was initiated after loading and before unloading of a page in the first browser window.

1 108. (previously presented) The computer system of claim 61, wherein
2 the browser module is additionally configured to:

3 base a determination that the request was not in response to user action on
4 information that the request was initiated during either loading or unloading of a
5 page in the first browser window; and

6 base a determination that the request was in response to user action on
7 information that the request was initiated after loading and before unloading of a
8 page in the first browser window.

9 109. (previously presented) The computer system of claim 91,
10 additionally comprising:

11 means for basing a determination that the request was not in response to
12 user action on information that the request was initiated during either loading or
13 unloading of a page in the first browser window; and

14 means for basing a determination that the request was in response to user
15 action on information that the request was initiated after loading and before
16 unloading of a page in the first browser window.